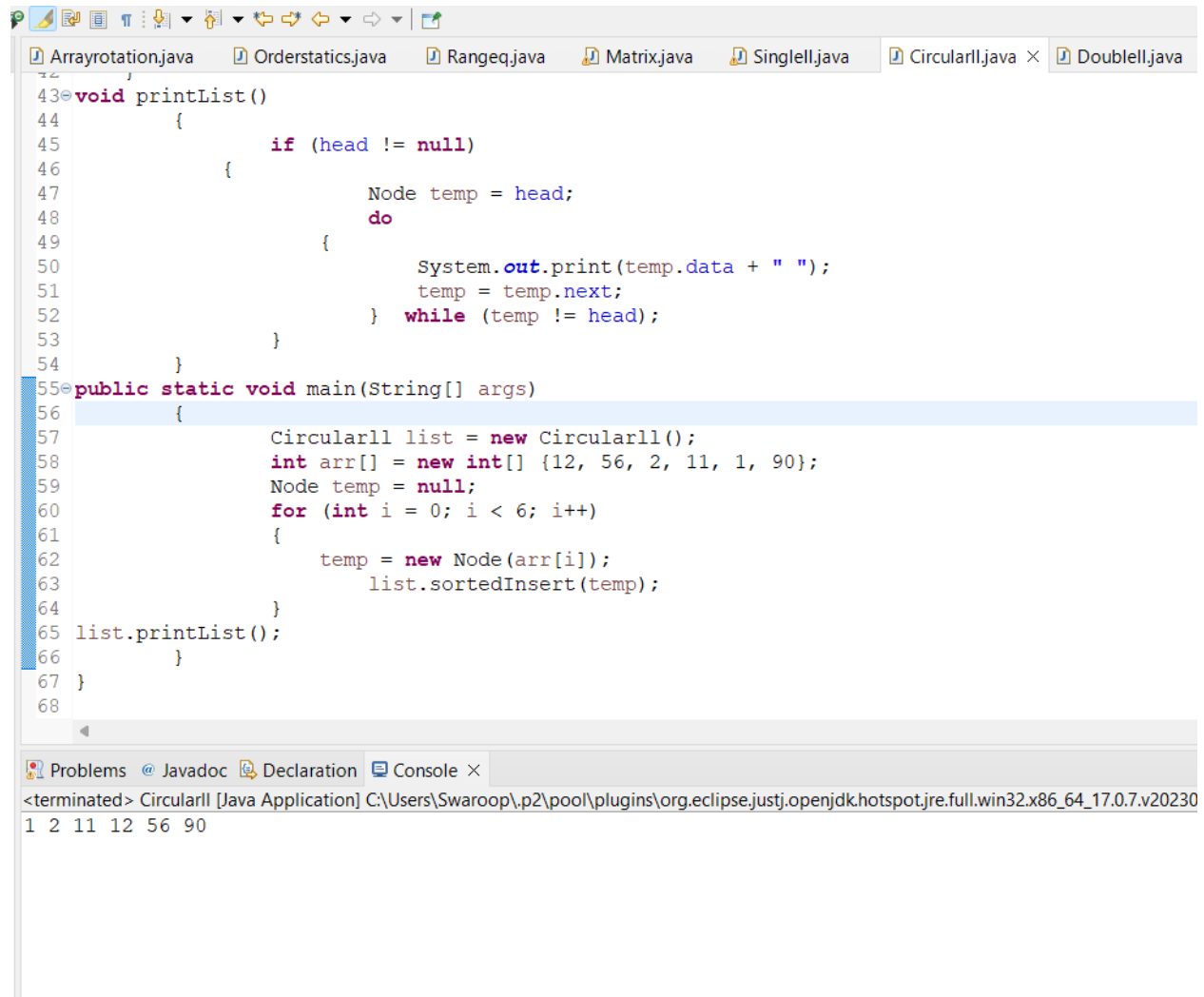


Problem Statement-6

```
package arrays;
public class Circular11 {
    static class Node
    {
        int data;
        Node next;
        Node(int d)
        {
            data = d;
            next = null;
        }
    }
    Node head;
    Circular11()
    {
        head = null;
    }
    void sortedInsert(Node new_node)
    {
        Node current = head;
        if (current == null)
        {
            new_node.next = new_node;
            head = new_node;
        }
        else if (current.data >= new_node.data)
        {
            while (current.next != head)
            {
                current = current.next;
            }
            current.next = new_node;
            new_node.next = head;
            head = new_node;
        }
        else
        {
            while (current.next != head && current.next.data < new_node.data)
            {
                current = current.next;
            }
            new_node.next = current.next;
            current.next = new_node;
        }
    }
    void printList()
    {
        if (head != null)
        {
            Node temp = head;
            do
```

```
        {
            System.out.print(temp.data + " ");
            temp = temp.next;
        } while (temp != head);
    }

    public static void main(String[] args)
    {
        Circularll list = new Circularll();
        int arr[] = new int[] {12, 56, 2, 11, 1, 90};
        Node temp = null;
        for (int i = 0; i < 6; i++)
        {
            temp = new Node(arr[i]);
            list.sortedInsert(temp);
        }
        list.printList();
    }
}
```



```
43=void printList()
44    {
45        if (head != null)
46        {
47            Node temp = head;
48            do
49            {
50                System.out.print(temp.data + " ");
51                temp = temp.next;
52            } while (temp != head);
53        }
54    }
55=public static void main(String[] args)
56    {
57        Circularll list = new Circularll();
58        int arr[] = new int[] {12, 56, 2, 11, 1, 90};
59        Node temp = null;
60        for (int i = 0; i < 6; i++)
61        {
62            temp = new Node(arr[i]);
63            list.sortedInsert(temp);
64        }
65        list.printList();
66    }
67 }
68
```

Problems @ Javadoc Declaration Console ×

<terminated> Circularll [Java Application] C:\Users\Swaroop\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.7.v20230

1 2 11 12 56 90